

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/591,095
Source: 1 FWP
Date Processed by STIC: 9/12/06

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IFWP

RAW SEQUENCE LISTING

DATE: 09/12/2006

PATENT APPLICATION: US/10/591,095

TIME: 10:56:18

Input Set : A:\Final Sequence List-14546-00001-US.txt

Output Set: N:\CRF4\09122006\J591095.raw

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3 <110> APPLICANT: Frankard, Valerie
5 <120> TITLE OF INVENTION: Plants having increased yield and method for making the same
7 <130> FILE REFERENCE: 14546-00001-US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/591,095
C--> 9 <141> CURRENT FILING DATE: 2006-08-29
9 <150> PRIOR APPLICATION NUMBER: PCT/EP2005/050874
10 <151> PRIOR FILING DATE: 2005-03-01
12 <150> PRIOR APPLICATION NUMBER: EP 04100841.5
13 <151> PRIOR FILING DATE: 2004-03-01
15 <150> PRIOR APPLICATION NUMBER: US 60/550,918
16 <151> PRIOR FILING DATE: 2004-03-05
18 <160> NUMBER OF SEQ ID NOS: 5
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1256
24 <212> TYPE: DNA
25 <213> ORGANISM: Arabidopsis thaliana
27 <400> SEQUENCE: 1
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32 aaaataagac ttggttaaaga gaaagaaggt gtgaatgtaa cagctcttag agaaatcaaa      180
34 ttacttaaaag agcttaagca tccacatata attgagttga ttgatgcgtt tcctcacaag      240
36 gagaatttgc acatcgtgtt tgagttcatg gagactgatc tcgaagcagt tatccgagat      300
38 cgtaatctct atctttcgcc tggatgatgtc aaatcttacc tccaaatgat attgaaaggt      360
40 cttgaatatt gccatggcaa atgggttctg cacagagata tgaagccaaa caacttgttg      420
42 ataggaccca atggacagct gaaacttgca gattttgggt tagcacgtat atttggtagc      480
44 ccaggtcgta agtttaccga ccaggtgttt gctagatggg atagagcacc tgaacttttg      540
46 tttggtgcaa aacaatatga tgggtgcagt gatgtttggg ctgctggctg catttttgct      600
48 gaacttctat tacgcagacc atttcttcag ggaaacagtg atattgatca attaagcaaa      660
50 atctttgctg cctttgggac tccaaaagca gatcagtggc ctgacatgat ctgccttcct      720
52 gattatgtag agtatcaatt tgtccctgct ccttctttact gttctttact cccaacgggt      780
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56 tcgattcagc aggctctaaa acacaggtag ttcacatctg caccttcacc tactgaccct      900
58 ttaaagctcc caagaccagt ttccaagcaa gatgctaagt catctgatag taaacttgaa      960
60 gccattaaag tgctgtcacc agcacataag tttagaagag tgatgcctga ccgaggaaag      1020
62 tctggtaatg gtttcaagga ccagagtgtt gatgtcatga gacaagctag ccatgatgga      1080
64 caagcaccaa tgtctttaga tttcaccatc ttagctgagc ggccaccaa cgcaccaacc      1140
66 atcaccagtg cagatagatc tcatctgaag aggaaacttg atctcgagtt cctataggat      1200
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71 <210> SEQ ID NO: 2
72 <211> LENGTH: 398
73 <212> TYPE: PRT
74 <213> ORGANISM: Arabidopsis thaliana

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76 <400> SEQUENCE: 2

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82 Leu Gly Gln Gly Thr Tyr Gly Val Val Phe Lys Ala Thr Asp Thr Lys
83          20          25          30
86 Asn Gly Glu Thr Val Ala Ile Lys Lys Ile Arg Leu Gly Lys Glu Lys
87          35          40          45
90 Glu Gly Val Asn Val Thr Ala Leu Arg Glu Ile Lys Leu Leu Lys Glu
91          50          55          60
94 Leu Lys His Pro His Ile Ile Glu Leu Ile Asp Ala Phe Pro His Lys
95 65          70          75          80
98 Glu Asn Leu His Ile Val Phe Glu Phe Met Glu Thr Asp Leu Glu Ala
99          85          90          95
102 Val Ile Arg Asp Arg Asn Leu Tyr Leu Ser Pro Gly Asp Val Lys Ser
103          100          105          110
106 Tyr Leu Gln Met Ile Leu Lys Gly Leu Glu Tyr Cys His Gly Lys Trp
107          115          120          125
110 Val Leu His Arg Asp Met Lys Pro Asn Asn Leu Leu Ile Gly Pro Asn
111          130          135          140
114 Gly Gln Leu Lys Leu Ala Asp Phe Gly Leu Ala Arg Ile Phe Gly Ser
115 145          150          155          160
118 Pro Gly Arg Lys Phe Thr His Gln Val Phe Ala Arg Trp Tyr Arg Ala
119          165          170          175
122 Pro Glu Leu Leu Phe Gly Ala Lys Gln Tyr Asp Gly Ala Val Asp Val
123          180          185          190
126 Trp Ala Ala Gly Cys Ile Phe Ala Glu Leu Leu Leu Arg Arg Pro Phe
127          195          200          205
130 Leu Gln Gly Asn Ser Asp Ile Asp Gln Leu Ser Lys Ile Phe Ala Ala
131          210          215          220
134 Phe Gly Thr Pro Lys Ala Asp Gln Trp Pro Asp Met Ile Cys Leu Pro
135 225          230          235          240
138 Asp Tyr Val Glu Tyr Gln Phe Val Pro Ala Pro Ser Leu Arg Ser Leu
139          245          250          255
142 Leu Pro Thr Val Ser Glu Asp Ala Leu Asp Leu Leu Ser Lys Met Phe
143          260          265          270
146 Thr Tyr Asp Pro Lys Ser Arg Ile Ser Ile Gln Gln Ala Leu Lys His
147          275          280          285
150 Arg Tyr Phe Thr Ser Ala Pro Ser Pro Thr Asp Pro Leu Lys Leu Pro
151          290          295          300
154 Arg Pro Val Ser Lys Gln Asp Ala Lys Ser Ser Asp Ser Lys Leu Glu
155 305          310          315          320
158 Ala Ile Lys Val Leu Ser Pro Ala His Lys Phe Arg Arg Val Met Pro
159          325          330          335
162 Asp Arg Gly Lys Ser Gly Asn Gly Phe Lys Asp Gln Ser Val Asp Val
163          340          345          350
166 Met Arg Gln Ala Ser His Asp Gly Gln Ala Pro Met Ser Leu Asp Phe
167          355          360          365
170 Thr Ile Leu Ala Glu Arg Pro Pro Asn Arg Pro Thr Ile Thr Ser Ala
171          370          375          380

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179 <211> LENGTH: 2193
180 <212> TYPE: DNA
181 <213> ORGANISM: Oryza sativa
183 <400> SEQUENCE: 3
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186 aaatataaaa tgagacctta tatatgtagc gctgataact agaactatgc aagaaaaaact      120
188 catccaccta ctttagtggc aatcgggcta aataaaaaaag agtcgctaca ctagtttcgt      180
190 tttccttagt aattaagtgg gaaaatgaaa tcattattgc ttagaatata cgttcacatc      240
192 tctgtcatga agttaaatta ttcgaggtag ccataattgt catcaaactc ttcttgaata      300
194 aaaaaatctt tctagctgaa ctcaatgggt aaagagagag atttttttta aaaaaataga      360
196 atgaagatat tctgaacgta ttggcaaga tttaaacata taattatata attttatagt      420
198 ttgtgcattc gtcatatcgc acatcattaa ggacatgtct tactccatcc caatttttat      480
200 ttagtaatta aagacaattg acttattttt attatttatc ttttttcgat tagatgcaag      540
202 gtacttacgc acacactttg tgctcatgtg catgtgtgag tgcacctcct caatacacgt      600
204 tcaactagca acacatctct aatatcactc gcctatttaa tacatttagg tagcaatatac      660
206 tgaattcaag cactccacca tcaccagacc acttttaata atatctaaaa taaaaaaat      720
208 aattttacag aatagcatga aaagtatgaa acgaactatt taggtttttc acatacaaaa      780
210 aaaaaaagaa ttttgctcgt gcgcgagcgc caatctccca tattgggcac acaggcaaca      840
212 acagagtggc tgcccacaga acaaccacaa aaaaacgatg atctaacgga ggacagcaag      900
214 tccgcaacaa ccttttaaca gcaggccttg cggccaggag agaggaggag aggcaagaa      960
216 aaccaagcat cctcctcctc ccatctataa attcctcccc ccttttcccc tctctatata      1020
218 ggaggcatcc aagccaagaa gagggagagc accaaggaca cgcgactagc agaagccgag      1080
220 cgaccgcctt cttcgatcca tatcttcggg tcgagttctt ggtcgatctc ttccctcctc      1140
222 cacctcctcc tcacagggtg tgtgcccttc ggttggtctt ggatttattg ttctagggtg      1200
224 tgtagtacgg gcgttgatgt taggaaaggg gatctgtatc tgtgatgatt cctggtcttg      1260
226 gatttgggat agagggggtc ttgatgttgc atgttatcgg ttcgggttga ttagtagtat      1320
228 ggttttcaat cgtctggaga gctctatgga aatgaaatgg tttaggggtac ggaatcttgc      1380
230 gattttgtga gtaccttttg tttgaggtaa aatcagagca ccggtgattt tgcttggtgt      1440
232 aataaaaagta cggttggttg gtcctcgatt ctggtagtga tgcttctcga tttgacgaag      1500
234 ctatcctttg tttattccct attgaacaaa aataatccaa ctttgaagac ggtcccgttg      1560
236 atgagattga atgattgatt cttaagcctg tccaaaattt cgcagctggc ttgtttagat      1620
238 acagtagtcc ccatcacgaa attcatggaa acagttataa tcctcaggaa caggggatcc      1680
240 cctgttcttc cgatttgctt tagtcccaga attttttttc ccaaatatct taaaaagtca      1740
242 ctttctgggt cagttcaatg aattgattgc tacaaataat gcttttatag cgttatccta      1800
244 gctgtagttc agttaatagg taataccctt atagtttagt caggagaaga acttatccga      1860
246 tttctgatct ccatttttaa ttatatgaaa tgaactgtag cataagcagt attcatttgg      1920
248 attatttttt ttattagctc tcacctcttc attattctga gctgaaagtc tggcatgaac      1980
250 tgtcctcaat tttgttttca aattcacatc gattatctat gcattatcct cttgtatcta      2040
252 cctgtagaag tttctttttg gttattcctt gactgcttga ttacagaaag aaatttatga      2100
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259 <210> SEQ ID NO: 4
260 <211> LENGTH: 53
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:

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265 <223> OTHER INFORMATION: primer prm2676
267 <400> SEQUENCE: 4
268 ggggacaagt ttgtacaaaa aagcaggctt cacaatggaa cagccgaaga aag 53
271 <210> SEQ ID NO: 5
272 <211> LENGTH: 53
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: primer prm2677
279 <400> SEQUENCE: 5
280 ggggaccact ttgtacaaga aagctgggtc ctataggaac tcgagatcaa gtt 53

VERIFICATION SUMMARY

DATE: 09/12/2006

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Input Set : A:\Final Sequence List-14546-00001-US.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date